

Attachment 3: TSCA PCB Site-Specific Inspection Plan (PSSIP)

This PSSIP will be prepared and used in conjunction with the Generic PCB QAPP, Revision 5.0, Rev. 02/09 for collecting samples of opportunity during an announced and unannounced inspections. Please refer to the Generic QAPP for specific details regarding PSSIP. Note: Table -1 DQOs : Do not remove analytes from this generic table. Fill in the number of samples for each applicable analysis/matrix. If the number of samples column is left blank for a particular analysis, the RSCC, QAO and LAB will presume that the analysis is not required for the project. Submit the PSSIP to the RSCC for laboratory coordination/sample numbers/project information and to the QAO for review and concurrence. This form can be E-mailed to crawford.jennifer@epa.gov.

Project Account Code	Sample Numbers	EPA Inspectors/Phone Numbers/Mail Stop
HWD-208B	13134600-4649	Tristen Gardner/206-553-6240/OCE-084
20132014B10P501E50	For week of March 31, 2013	

Site Name/Facility Type:	Rainier Commons
Address:	3100 Airport Way South, Seattle, WA
Contact Person:	Vered Misrahi
E-mail Address /Phone Number:	vered@arieldevelopment.com 206.948.2821

COOPERATING AGENCIES/PARTIES INVOLVED:

Contact Person	Agency	Phone Number
Michelle Mullin	EPA R10 (OCE-084)	206-553-1616

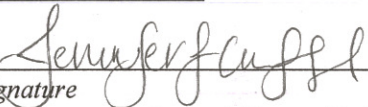
TENTATIVE PROJECT SCHEDULE

Activity	Estimated Start Date	Estimated Completion Date	Comments
Mobilize to Site	4/4/13	4/4/13	
Sample Collection	4/4/13	4/4/13	
Laboratory Receipt of Samples	4/4/13	4/4/13	Preliminary results requested when analysis is complete
Target Completion Date	6/4/13		

DATA DISTRIBUTION

Name and Mail Stop	Electronic	Hard Copy
Tristen Gardner	Gardner.tristen@epa.gov	OCE-084

FOR QAO REVIEW ONLY

QA Reviewer Concurrence with the PSSIP: Jennifer Crawford  Date : 4/4/2013
 Print Name and Signature

If the QA reviewer has concerns and comments, a signed copy of the comments should be sent to the FPO, CO, RSCC and the laboratory. The comments should be attached to the project file.

Table 1 - Data Quality Objectives Summary

Analytical Group	Number of Samples	# of QA Samples:	MS / MSD Samples	Matrix	EPA Method	Method Detection Limits	Accuracy	Precision (RPD)	Completeness	Preservation	Volume, Container	Holding Time (days)
Laboratory Measurements												
PEST/PCBs	2	1 dup/ 1 rinse per day of sample collection	1/20 or 1 per batch	Soil**	8082	1 ppm	50-150	50	85	ice	4 oz wide-mouth glass jar	14 days extraction 40 days analysis
PEST/PCB	2	1 dup/ 1 rinse per day of sample collection	1/20 or 1 per batch	water	8082	1 ppm*	50-150	50	85		1 Liter	7 days extraction 40 days analysis
PEST/PCB		1 dup/ 1 rinse per day of sample collection	1/20 or 1 per batch	wipes	8082	total ug/wipe	50-150	50	85		wide mouth glass jars	14 days extraction 40 days analysis
PEST/PCB		1 dup/ 1 rinse per day of sample collection	1/20 or 1 per batch	concrete	8082	1 ppm	50-150	50	85		wide mouth glass jars	14 days extraction 40 days analysis
PEST/PCB		1 dup/ 1 rinse per day of sample collection	1/20 or 1 per batch	oil	8082	1 ppm	50-150	50	85		wide mouth glass jars	14 days extraction 40 days analysis
PEST/PCB		1 dup/ 1 rinse per day of sample collection	1/20 or 1 per batch	PUF	TO10A	1 ppm	50-150	50	85		wide mouth glass jars	14 days extraction 40 days analysis
Field Measurements												
PCB screen		1 dup per batch	1/20 or 1 per batch	transformer oil	9079	5 ppm	50-150	50	85		glass jars	Analyze in the field No HT
pH		1 dup per batch	1/20 or 1 per batch	solid/liquid	9045C	NA	∇ 0.1 pH Unit	∇ 0.1 pH Unit	100%	None Required	Field Sample Container	Analyze Immediately

1 - Sample number includes QA samples and Matrix Spike / Matrix Spike Duplicate (MS/MSD) samples listed in the next two columns, G - Plastic, Glass. NOTE: Include one temperature blank per ice chest shipped.
 *1ppm Approved Generic TSCA QAPP SSIP RL. For this project, the RL is anticipated to be 10ppb in a clean water matrix. If complex matrix interferences are present could result in elevated ppb RL.
 ** See SAF Appendix for updated matrix, anticipated analytical preparation methods, and containers which are proposed for use with this project. Selection of final methods will be made after sampling is complete.

Attachment 1. Sample Alteration Form

Project Name and Number: Rainier Commons PCB (TSCA) Inspection HWD-208B

Material to be Sampled: PCB Bulk Product and PCB Remediation Waste

Measurement Parameter: PCB Aroclors

Standard Procedure for Field Collection & Laboratory Analysis (cite reference):

Site has been pressure washing building and collecting the waste water into a tote, which is qualified as PCB remediation waste. This tote should be mostly water and a sample will be collected from the water (Coliwasas Sampler) to be analyzed for PCB Aroclors. It is expected that only 2 water samples will be collected and the entire tube volume will be collected and sent to the lab. The water portion of the sample will be collected using a coliwasas and emptied into a 1L glass container (for sample homogeneity), and then subsampled into 40ml VOA vials for the laboratory analysis.

In addition, any solid paint chips found on site might be collected. The plan is to collect some and place them in a 4oz jar for the laboratory.

Reason for Change in Field Procedure or Analysis Variation:

Additional sample collection information provided for sampling these specific containers. Analytical methods changed per the lab and project management request to fully extract the matrices sampled. Standard Generic QAPP completeness criteria is 85% due to the often complex sample matrices for TSCA/PCB inspection samples. The goal for this project is 100% due to the critical nature of the sample results.

Variation from Field or Analytical Procedure:

Final selection of the appropriate method will be made after sampling.

Water:

Sampling containers 2x40ml amber glass VOA vials, 5x40ml for samples designated for lab QC
Analytical prep Methods: Preferred: 40ml vial: 3511 Organic Compounds in water by
Microextraction 250-500ml: 3510 Separatory Funnel Liquid-Liquid Extraction or 3535 Solid
Phase Extraction

Paint Chips:

Sampling Containers: 4oz material – 1 amber glass jar, no extra volume required for lab QC
Analytical prep method: 3580 Waste Dilution, with the same modifications previously used on
Rainier Commons paint chips..


Equipment Wipe


An alcohol prep pad wipe will be used, as an effective and easy equipment blank for both the
samplers and lab. Wipes are reported as total ug on the wipe.


Reporting Limits: Water decontamination standard is 0.5 ppb (lab MRL 100ppb in clean matrix).
Paint decision criteria is 50ppm (lab MRL 1ppm in clean matrix)

Special Equipment, Materials or Personnel Required:

Coliwasa

Initiators Name: Tristen Gardner  Date: 4/04/2013

Project Officer: Tristen Gardner  Date: 4/04/2013

QA Officer: Jennifer Crawford  Date: 4/04/2013

Attachment 2. Corrective Action Form

Project Name and Number:

Sample Dates Involved:

Measurement Parameter:

Acceptable Data Range:

Problem Areas Requiring Corrective Action:

Measures Required to Correct Problem:

Means of Detecting Problems and Verifying Correction:

Initiators Name: _____ Date:

Project Officer: _____ Date:

QA Officer: _____ Date: